CLAIMS

1. A breast cup construction of a cup shape to be incorporated as part of a brassiere, said breast cup construction comprising:

a moulded to a cup shape laminated core assembly comprising a ply of foam material and a ply of fabric material disposed to the convex side of said foam material

an exterior ply overlying and to the concave and convex sides of at least part of said laminated core assembly, said exterior ply folded at and to define at least part of the neckline perimeter of said cup shape.

2. A breast cup construction as claimed in claim 1 wherein said exterior ply is folded at and along to define the entire neckline perimeter of said cup shape.

3. A breast cup construction as claimed in claim 1 wherein said ply of foam material and said ply of fabric material are coextensive.

4. A breast cup construction as claimed in claim 1 wherein said ply of foam material and said ply of fabric material are coextensive, said ply of foam material being of a reduced thickness at the neckline perimeter disposed perimeter thereof.

5. A breast cup construction as claimed in claim 1 wherein said ply of foam material and said ply of fabric material are coextensive, said ply of foam material being of a reduced thickness at the neckline perimeter disposed perimeter thereof and wherein the transition towards said reduced thickness is gradual.

6. A breast cup construction as claimed in claim 5 wherein said transition is a taper and wherein the thinnest part of said foam ply is at said neck line perimeter of said cup shape.

7. A breast cup construction as claimed in claim 5 wherein said transition is at region of said foam ply extending from said neck line perimeter disposed perimeter thereof to less than one third the diametric width across said cup shape.

8. A breast cup construction as claimed in claim 1 wherein said ply of foam material and said ply of fabric material are coextensive save for at a region extending inwardly from the neckline perimeter disposed perimeter of said core laminate assembly where said core laminated assembly is absent of said ply of foam material.

9. A breast cup construction as claimed in claim 8 wherein said region extending inwardly is less than one third the diametrical width of said cup shape.

10. A breast cup construction as claimed in claim 1 wherein said exterior ply is laminated to the concave side of said core assembly.

11. A breast cup construction as claimed in claim 1 wherein said exterior ply is laminated to the convex side of said core assembly.

12. A breast cup construction as claimed in claim 1 wherein said exterior ply is laminated to the concave side and the convex side of said core assembly.

13. A breast cup construction as claimed in claim 1 wherein said exterior ply is not sewn to said core assembly at said neckline.

14. A breast cup construction as claimed in claim 1 wherein said exterior ply is folded only about said core assembly at said neckline.

15. A breast cup construction as claimed in claim 1 wherein said exterior ply is sewn to said core assembly at the base line perimeter of said cup shape.

16. A breast cup construction as claimed in claim 1 wherein said exterior ply is coextensive with said core assembly to said concave side thereof.

17. A breast cup construction as claimed in claim 1 wherein said exterior ply is coextensive with said core assembly to said convex side thereof.

18. A breast cup construction as claimed in claim 1 wherein said exterior ply is coextensive with said core assembly to said concave side and said convex side thereof.

19. A breast cup construction as claimed in claim 1 wherein said exterior ply is a fabric material.

20. A breast cup construction as claimed in claim 1 wherein said neckline is curved when viewed in frontal direction.

21. A breast cup construction as claimed in claim 1 wherein said core assembly includes a ply of reinforcing material disposed to the concave side of said core assembly and is provided at the to be upwardly supportive region of said cup shape.

22. A breast cup construction as claimed in claim 21 wherein said reinforcing material is a panel of fabric material.

23. A breast cup construction as claimed in claim 22 wherein said panel of fabric material is laminated to the concave side of said foam ply.

24. A breast cup construction as claimed in claim 23 wherein said panel of fabric material is laminated to said foam material.

25. A breast cup construction as claimed in claim 1 wherein said exterior ply is creased defining the fold thereof.

26. A breast cup of a cup shape to be incorporated as part of a brassiere, said breast cup comprising:

a moulded to a cup shape laminated core assembly comprising a ply of foam material and a ply of fabric material disposed to the concave side of said foam material

an exterior ply overlying and to the concave and convex sides of at least part of said laminated core assembly, said exterior ply folded at and to define the neckline perimeter of said cup shape.

27. A breast cup construction of a cup shape to be incorporated as part of a brassiere, said breast cup construction comprising:

a moulded to a cup shape laminated core assembly comprising a ply of foam material and a ply of fabric material disposed to the convex side of said foam material

an exterior ply overlying and to the concave and convex sides of at least part of said laminated core assembly, said exterior ply enveloping the core assembly at at least those regions of said laminated core assembly disposed to the neckline side of said cup shape.

28. A method of forming a breast cup construction comprising

(a) placing a moulded to a cup shape laminated core assembly comprising a ply of foam material and a ply of fabric material disposed to the convex side of said foam material onto a ply of fabric material which has moulded therein two cup shaped reliefs which are juxtaposed and abut each other along a junction line, in a manner to position said core assembly onto one of said cup shaped reliefs and wherein the neckline to be disposed perimeter of said core assembly is positioned adjacent said junction line,

(b) affixing said core assembly with said ply of fabric material,

(c) folding said ply of fabric material about said junction line to bring the other of said cup shape reliefs in overlying relation with said core assembly to the other side of said core assembly as affixed in step (b) and

(d) affixing the second cup shaped relief with one or both of said core assembly and said first cups shaped reliefs.

29. A method as claimed in claim 28 wherein said neckline to be disposed perimeter of said core assembly is positioned adjacent said junction line,

30. A method as claimed in claim 28 wherein said affixing the second cup shaped relief with one or both of said core assembly and said first cups shaped reliefs is by laminating.

31. A method as claimed in claim 28 wherein said affixing said core assembly with said ply of fabric material a laminating affixing.

32. A method as claimed in claim 28 wherein said cup shape laminated core assembly is formed from a perform panel laminated core assembly of a ply of foam material and a ply of fabric material.

33. A method as claimed in claim 32 wherein said ply of foam material is tapered towards an edge of said panel.

34. A method as claimed in claim 33 wherein said cup shape is moulded into said perform by a moulding press, the positioning of the region of taper of said panel being placed relative to said moulding press such that said cups shape is generated therein with said taper disposed at the neckline to be disposed region of said cup shape.